

Intel® NUC 13 Extreme

"Raptor Canyon"



13th Gen Intel® Core™ i9-13900K

Up to 5.8 GHz Intel® Thermal Velocity Boost
125W unlocked, 24 cores (8P+16E), 32 threads
36MB Intel® Smart Cache
Intel® UHD Graphics 770



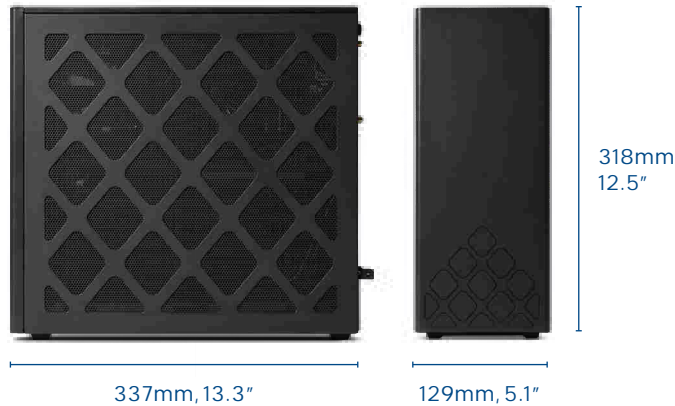
13th Gen Intel® Core™ i7-13700K

Up to 5.4 GHz Intel® Turbo Boost Max Technology 3.0
125W unlocked, 16 cores (8P+8E cores), 24 threads
30MB Intel® Smart Cache
Intel® UHD Graphics 770

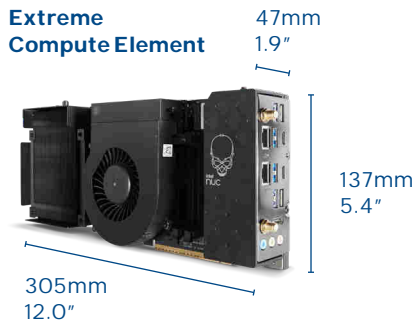


13th Gen Intel® Core™ i5-13600K

Up to 5.1 GHz Max Turbo
125W unlocked, 14 cores (6P+8E cores), 20 threads
24MB Intel® Smart Cache
Intel® UHD Graphics 770



Intel® NUC 13 Extreme Compute Element



Pre-installed Intel® NUC 13 Extreme Compute Element

- K-SKU support 125W with heatsink included
- Slot powered "cableless" design

Auxiliary Extension x4 support signals:

- 2x SATA III, standard desktop FP
- 2x USB 3.0, 2x USB 2.0
- 2x 12V PWM fan signals, x1 PCIe

Memory

- Dual channel DDR5 SODIMMs, 64GB max

Storage

- 3x M.2 key M slots: 80mm CPU-attached PCIe x4 Gen4 NVMe, 2x 42/80 PCH-attached PCIe Gen4 NVMe or SATA3 SSD, RAID-0 and RAID-1 capable

Connectivity

- HDMI 2.1 TMDs compatible connector (up to 4K60)
- 2x Thunderbolt™ 4 ports / USB4 Type-C ports
- Supports 3x 4K displays (Intel® UHD Graphics)
- Intel® 2.5GbE (i226-V) / 10GbE (AQC113) LAN
- Intel® Wi-Fi 6E AX1690i, 802.11ax 2x2 ~3.0Gbps w/ 6GHz + Bluetooth® v5.2 (5.3 capable), dual external antennas
- 6x USB 3.2 Gen2 Type-A connectors (rear)

Audio

- Up to 7.1 multichannel digital audio via HDMI or DisplayPort (Type-C) signals
- Analog audio with discrete Mic-in, Line-in, Speaker-out, FP audio header

Intel® NUC 13 Extreme chassis

Graphics

- PCIe x16 Gen5 slot with PCIe 5.0 (12VHPWR) and 3x 6+2-pin PCIe power connectors, supports up to ~450W, 313mm length, triple-slot cards

Connectivity

- 2x USB 3.2 Gen1 Type-A (front), 1x USB Gen2x2 Type-C (front)

Audio

- 3.5mm front stereo headset jack

Power

- Full modular - 750W 80+ Gold SFX 12VO internal power supply with geo-specific C13 AC cords

Thermal design

- 2x 120mm system fans

Baseboard Features

- 2x SATA, USB 2.0 port
- 2x 2.5in HDD or 1x 3.5in HDD support
- 4 addressable RGB headers supporting up to 120 LEDs (30 LEDs per zone), configurable by Intel® NUC Software Studio

OS compatibility

- Not included. Microsoft Windows 11 (logo'd), compatible with various Linux distros

Other

- Individual retail packaging
- Three-year Warranty

SKUs

Mini PC

Kit

Chassis

Compute Element